CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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	SECURITY INFORMATION		
COUNTRY SUBJECT DATE OF INFO	USSR Replies to Specific Questions on the Soviet Electronics Industry O.	REPORT DATE DISTR. 15 July 19 NO. OF PAGES 4 REQUIREMENT	25) 953 25X1
PLACE ACQUIF	RED	REFERENCES	25 X 1
	This is UNEVALUATED In	formation	
	THE SOURCE EVALUATIONS IN THIS REPORT THE APPRAISAL OF CONTENT IS TE (FOR KEY SEE REVERSE)		
			25X
1.	the transistor wo	rk that has been done in	
	the USSR well as that done by any other German sp In 1948, Dr. SCHLOEMIICH came to NII 160 to work at once on silicon detectors und engineer KRASSILOV. These silicon detect German type which SCHLOEMIICH had worked to the USSR.	by SCHIOEMTICH as ecialists. from Gorkiy. He started er the guidance of Soviet tors were copies of the	25.
		of them started in the	25X
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(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

RE-REVIEW

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	-2-	- Mg
	In 1950, German engineer Dr. RICHTER was told to make	
	extremely pure germanium crystals.	25X1
	this germanium was to	
	have been delivered to the laboratory where SCHLOEMILC worked and was probably to be used for the making of	H to
	transistors. It might be possible that SCHLOEMILCH di	đ.
	some work on transistors because he was asked questions about them on various occasions.	7
	asked questions about them on various occasions.	25X
1	It	<u>-</u>
	might be possible that a few were being made on a	
	laboratory basis; however, it would be a very small amount and would be relatively unimportant.	
_	amount and would be relatively dilimportant.	•
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		, and the second se
		25X1
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Т	· ·	į
	In mid-1949, Mr. PEDERZANI worked on the stabilization	
_	of a magnetron copied from the SCR-584. In February 1950, three each of two consoles housing the modulator	* ¿
	and power supply were received by NII 160, One of the	
	was furnished the German group. The Soviet chief of	Y ->
	the Theoretical Department offered to obtain a complet SCR-584 if it was necessary, but the German group	e "
	declined the offer.	25X1
	In 1950,	
	large boxes were received at NII 160	
	theseboxes contained electron microscopes, and were delivered to laboratory chief SALNIKOV, who is	
	under the jurisdiction of department chief MEDLIN.	÷
	In either December 1050 on Tonscore 1051 tolordeten	•
	In either December 1950 or January 1951, television consoles arrived at the institute from Leningrad. The	se
	consoles were designed for the testing of television	3
	pick-up and receiver tubes. They were assembled exclusively by the Soviets, and placed in Room 8	
	cidal very by this hovies, and praced in moon o	
	(material control cont	
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SECRET 25X1 -3-5. 25X1: 6. It was common practice for the laboratories at NII 160 to be furnished consultants either from other departments of NII 160, from other Soviet insitutes, or from the University of Moscow. A Soviet scientist named TSAREV came to NII 160 from Moscow as a consultant for projection tube cathodes. Another consultant, came from an institute in Moscow, was 25X1 who was a specialist for photo-multipliers. 25X1 The third consultant was one who was concerned with the field of projection tube optics. 25X1 At the end of the war there was a special group of Germans interested in infra-red research.

the name of the man in charge of this group

was ECKHARDT; in any 25X1 event, he worked on infra-red problems at AEG during the war. Another member of this group was a German named FENNER, who worked in a Berlin research institute of the Reichspost during the war. There was another member of this group, who 25X1 had tried to go to the USSR under contract in 1945, but had been

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rejected

